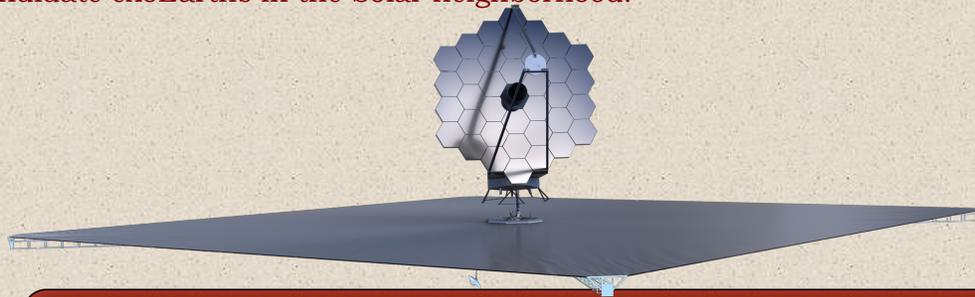


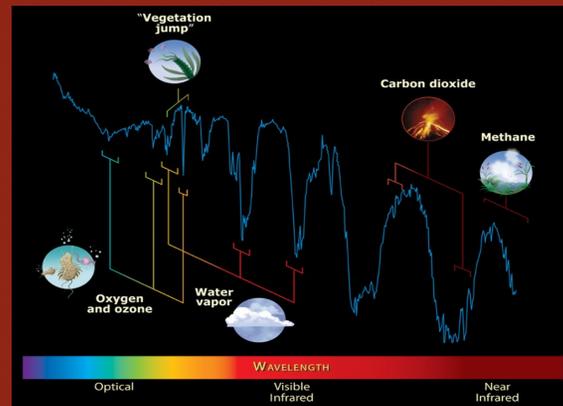
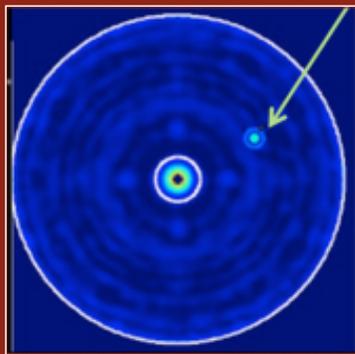
The Next Great Leap In Astrophysics

The ATLAST Reference Design

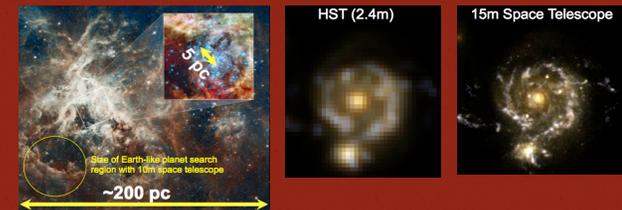
This ATLAST reference design is a 10 m-class observatory under assessment as a candidate for selection by the 2020 NRC Decadal Survey. It is designed to be a powerful general-purpose non-cryogenic observatory operating from 0.1 μm to 1.8+ μm and able to search for biomarkers in the spectra of candidate exoEarths in the Solar neighborhood.



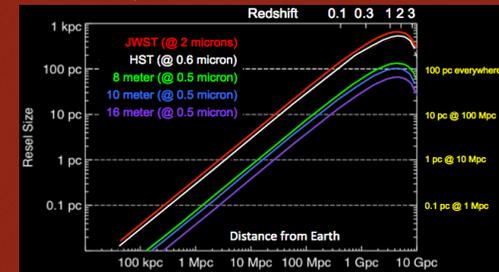
Identification of Habitable Zone Planets and detection of Biosignatures



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